

Application No.: 10/552,200
Docket No.: FA1159 USPCT

**Method of Producing Matched Coating Composition and Device Used
Therefor**

Abstract of the Disclosure

The present invention is directed to a method and device that use spectral measurements of the color of a target coating on a substrate, such as auto body being matched. The method utilizes pigment mixture models to produce a matched coating composition that when applied as a coating matches in appearance with that of the target coating, while also providing other desired coating properties, such as durability, gloss and adhesion. The method of the present invention is well suited for producing automotive refinish paints used in automotive refinish applications wherein the undamaged portion of the autobody is color matched to produce a matched refinish paint that can be then applied over a repaired portion of autobody.